

10/836,560



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:

Group Art Unit: 1762

Applicant: Ralph Reich et al.

Examiner: Turocy, David P.

Serial No.: 10/516,085

Atty. Docket: 2002P04430WOUS

Filed: 11/29/2004

Title: METHOD OF REMOVING AT LEAST ONE PARTIAL AREA OF A COMPONENT MADE OF METAL OR A METALLIC COMPOUND

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Declaration of Brij B. Seth Under 37 CFR 1.132

1. I, Brij B. Seth, a citizen of the United States of America, hereby declare and state as follows;

2. I am currently employed as an engineering consultant to Siemens Power Generation, Inc. I was formerly employed by Siemens Power Generation and its predecessor corporations, Siemens Westinghouse Power Corporation and Westinghouse Electric Corporation, for approximately thirty five years. At the time of my retirement from Siemens Westinghouse Power Generation, I held the position of Sector Head of the Materials Engineering Department of the Gas Turbine Division.

3. I have over forty years experience working in the field of advanced materials development.

4. I am a named inventor on over a dozen United States patents in the field of materials technology and gas turbine component applications for such materials.

5. I received a Bachelor of Science in Physics/Chemistry/Math from University of Rajasthan (India); a Bachelor of Engineering in Metallurgy from the Indian Institute of Science (Bangalore, India); a Master of Applied Science in

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Metallurgy and a Ph.D. in Metallurgy from the University of Toronto (Canada). I am a Fellow of the American Society of Metals and have authored approximately 45 technical publications.

6. I am familiar with the above-cited patent application.

7. I also am knowledgeable as to the processes that are involved in the general field of treatment of metal alloys, such as is discussed in the above-cited patent application. Based on this knowledge, I state that at or above the solution temperature of a particular metal alloy, the  $\gamma'$  (gamma prime) phase dissolves into the  $\gamma$  phase and will not reform.

8. All statements made herein of my own knowledge are true, and all statements made of information and beliefs are believed true. I acknowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

By: \_\_\_\_\_

  
Brij B. SethJune 6, 2007

Date